Applicant's Docket No. 132347-1

Appl. No. 10/675.367 Amdt. Dated 13 June 2008

Reply to Office action of 14 March 2008

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A nickel-containing alloy comprising:

about 1.5 to about 4.5 weight percent aluminum:

about 1.5 to about 4.5 weight percent titanium;

about 0.8 to about 3 weight percent niobium;

about 14 to about 28 weight percent chromium:

up to about 0.2 weight percent zirconium;

about 10 to about 23 weight percent cobalt;

about 1 to about 3 weight percent tungsten; and

about 40 to about 70 weight percent nickel, and wherein the atomic ratio of aluminum to titanium is about 0.5 to about 1.5, with the proviso that the nickel-containing alloy is substantially devoid of tantalum.

2. (Previously Presented) The nickel-containing alloy of Claim 1, wherein a sum of the amount of aluminum and titanium is about 3 to about 9 weight percent, of the nickel-containing allov.

3. (Canceled).

4. The nickel-containing alloy of Claim 1, wherein a sum of the titanium, (Original) aluminum and niobium is about 3 to about 12 weight percent, of the nickel-containing alloy.

5. (Canceled)

(Currently Amended) The nickel-containing alloy of Claim 1, further comprising eebalt, carbon, zirconia, boron, hafnium, rhenium, ruthenium, or a combination comprising at least one of the foregoing.

7. (Canceled)

8 (Original) The nickel-containing alloy of Claim 6, wherein the carbon is present in

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an amount of about 0.02 to about 0.15 weight percent, of the nickel-containing alloy.

## 9. (Canceled)

- 10. (Original) The nickel-containing alloy of Claim 6, wherein the boron is present in an amount of about 0.001 to about 0.025 weight percent, of the nickel-containing alloy.
  - (Withdrawn) A nickel-containing alloy consisting essentially of: 11.

about 1.6 to about 1.8 weight percent aluminum:

about 2.2 to about 2.4 weight percent titanium;

about 1.25 to 1.45 weight percent niobium:

about 22 to about 23 weight percent chromium:

about 18.5 to about 19.5 weight percent cobalt;

about 0.08 to about 0.12 weight percent carbon:

about 1.9 to about 2.1 weight percent tungsten:

and about 0.002 to about 0.006 weight percent boron;

up to 0.01 weight percent zirconium; with the remainder being nickel.

- 12. (Withdrawn) The nickel-containing alloy of Claim 11, wherein the zirconium is substituted with hafnium.
  - 13. (Withdrawn) A method for manufacturing an article comprising:

casting an alloy comprising about 1.5 to about 4.5 weight percent aluminum; about 1.5 to about 4.5 weight percent titanium; up to about 3 weight percent niobium; about 14 to about 28 weight percent chromium; about 10 to 23 weight percent cobalt; about 1 to about 3 weight percent of tungsten, rhenium, ruthenium, molybdenum, or a combination thereof; about 0.02 to about 0.15 weight percent of carbon; about 0.001 to about 0.025 weight percent of boron; up to 0.2 weight percent of zirconium, hafnium, or a combination thereof; into a mold; and

solidifying the casting.

- 14. (Withdrawn) The method of Claim 13, further comprising directionally solidifying the casting.
  - 15. (Withdrawn) The method of Claim 13, wherein the casting is an equiaxed casting.

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16. (Withdrawn) The method of Claim 13, further comprising heat treating the casting at a temperature of about 1095 to about 1200 °C.

- 17. (Withdrawn) The method of Claim 16, wherein the heat treatment is conducted for a period of about 1 to about 4 hours.
- 18. (Withdrawn) The method of Claim 13, further comprising solution heat treating the casting at a temperature of about 750 to about 850  $^{\circ}$ C.
  - 19. (Original) A turbine component manufactured from the composition of Claim 1.
  - 20. (Withdrawn) A turbine component manufactured from the composition of Claim 11.
  - 21. (Withdrawn) A turbine component manufactured by the method of Claim 13.
- 22. (New) The nickel-containing alloy of claim 1 wherein the nicbium is present in an amount of about 1.25 to about 3 weight percent, of the nickel-containing alloy, and
- (New) The nickel-containing alloy of claim 1 wherein the chromium is present in an amount of about 20 to 25 weight percent, of the nickel-containing alloy.